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| FGRM PTO-1449 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. WFU 93-04 | FILE. NO. 09/026,353 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT(S) | | APPLICANT Louis C. Argenta and Michael J. Morykwas | |
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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|---|
| | C1 | Argenta LC, Morykwas MJ. Vacuum-assisted closure: a new method for wound control and treatment: clinical experience. Ann Plast Surg 1997;38:563-576 |
| | C2 | Morykwas MJ, Argenta LC, Shelton-Brown EI, McGuirt W. Vacuum-assisted closure: a new method for wound control and treatment: animal studies and basic foundation. Ann Plast Surg 1997;38:553-62 |
| | C3 | Davydov IA, Larichev AB, Smirnov AP, Flegontov VB. Vakuum-terapia v Techennii ostrykh gnoinykh zabolеваний miagkikh tkanei i gnoinykh ran. [Vacuum therapy of acute suppurative diseases of soft tissues and suppurative wounds]. Russian Vestnik Khirurgii Imeni i - i - Grekova 1988;141:43-6 |
| | C4 | Davydov IA, Abramov AI, Larichev AB. Vakuum-terapiia v preduprezhdenii posleoperatsionnoi ranevoi infektsii. [Vacuum therapy in the prevention of postoperative wound infection]. Russian Vestnik Khirurgii Imeni i - i - Grekova 1991;147:91-5 |

EXAMINER

DATE CONSIDERED

12/1/2020

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|----|--|
| | C5 | Iankov NI. Stimuliatsiia konsolidatsii perelomov nizhnei cheliusti vaktuumnoi terapii. [Stimulation of consolidation of mandibular fractures by means of vacuum therapy]. Russian. Stomatologija 1971;50:86 |
| | C6 | Inoiatov IM. Aleksandrov VB. Lechenie promezhnostnoi rany posle amputatsii priamoi kishki vakum-aspiratsiei. [Vacuum-aspiration in the treatment of the perineal wound following extirpation of the rectum]. Russian. Khirurgija 1971;47:74-8 |
| | C7 | Kochnev VA. Primenenie vakuum-drenazhnoi sistemy dlja profilaktiki posleoperatsionnykh ranevykh oslozhnenii u bol'nykh opukholiami. [The use of a vacuum drainage system in the prevention of postoperative wound complications in tumor patients]. Russian. Voprosy Onkologii 1967;13:102-5 |
| | C8 | Mirazimov BM. Svobodnaia kozhnaia plastika stopy s podgotovkoj ranevoi poverkhnosti vakumirovaniem [Free skin graft of the foot with vacuum preparation of the wound surface]. Russian. Ortopedia Travmatologija i Protezirovanie 1966;27:19-22 |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|-----|--|
| | C9 | Mirazimov BM, Vasina TA, Mezhericher MI. Mikroflora dlitel'no nekazhivaiushchikh ran i effektivnost' metoda vakuumirovaniia. [Microflora of prolonged non-healing wounds and the effectiveness of the vacuum evaporative method]. Russian. Khirurgiia 1967;43:40-3 |
| | C10 | Mirazimow BM. Vorbereitung von Wunden und Geschwuren zur Hautplastik unter Anwendung der Vakuumierung [Preparation of wounds and abcesses for dermatoplasty by means of a vacuum device]. German. Beitrage zur Orthopadie und Traumatologie 1967;14:224-30 |
| | C11 | Netudykhatka O. Vliianie nizkogo dozirovannogo vakuma na techenie reparativnogo protsessa v kostnoi tkani [Effect of low vacuum on the course of the reparative process in bone tissue]. Russian. Voprosy Kurortologii, Fizioterapii i Lechebnoi Fizicheskoi Kultury 1972;37:411-5 |
| | C12 | Volkov LA. Ispol'zovanie vakuum-drenazhnoi sistemy v khirurgicheskoi praktike. [Use of vacuum-drainage system in surgical practice]. Russian. Klinicheskaiia Khirurgiia. 1973;7:54-5 |

EXAMINER

DATE CONSIDERED

12/1/00

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|-----|--|
| | C13 | Teder H Sanden G Svedman P. Continuous Wound Irrigation in the Pig. J Invest Surg 1990;3:339-407 |
| | C14 | Nakayama Y, Tomotari I, Soeda S. A New Method for the Dressing of Free Skin Grafts. Plast Reconstr Surg 1990;86:1216-1219 |
| | C15 | Nakayama Y, Soeda. A New Method for Free Skin Grafting in Hands. Ann Plast Surg 1991;26:499-502 |
| | C16 | Fleischmann W, Strecker W, Bombelli M, Kinzl L. [Vacuum sealing as treatment of soft tissue damage in open fractures]. [German] Unfallchirurg 1993;96:488-92 |

EXAMINER

DATE CONSIDERED

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FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--------------------|-----|---|
| <i>[Signature]</i> | C17 | Brock WB, Barker DE, Burns RP. Temporary Closure of Open abdominal wounds: the vacuum pack. Amer Surg 1995;61:30-5 |
| <i>[Signature]</i> | C18 | Shein M, Saadia R, Jameson JR, Decker GAG. The "sandwich technique" in the Management of the Open Abdomen. Br J Surg 1986;73:369-70 |
| <i>[Signature]</i> | C19 | Broome A, Hansson L, Lundgren F, Smedberg S. Open Treatment of Abdominal Septic Catastrophies. World J. Surg 1983;7:792-6 |
| <i>[Signature]</i> | C20 | Valenta AL. Using the vacuum dressing alternative for difficult wounds. American Journal of Nursing 1994;94:44-5 |

EXAMINER

DATE CONSIDERED

12/1/00

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|-----|---|
| | C21 | Vatanasapt V, Areemit S, Jeeravipoolvarn P, et al. Red rubber bulb, cheap and effective vacuum drainage. Journal of the Medical Association of Thailand 1989;72:193-7 |
| | C22 | Brummelkamp WH, Taat CW, Slors JF. High-vacuum drainage and primary perineal wound closure in abdominoperineal excision of the rectum. Netherlands Journal of Surgery 1991;43:236-9 |
| | C23 | Morykwas J, Argenta LC. Nonsurgical modalities to enhance healing and care of soft tissue wounds. Journal of the Southern Orthopaedic Association 1997;6:279-88 |
| | C24 | Sames CP. Sealing of wounds with vacuum drainage [letter] Br Med J 1977;2:1123 |

EXAMINER

DATE CONSIDERED

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U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

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| | | |
|--|-----|--|
| | C25 | Greer SE, Longaker MT, Margiotta M. Preliminary Results from a Multicenter Randomized, Controlled Study of the Use of Subatmospheric Pressure Dressing for Pressure Ulcer Healing. Wound Repair and Regeneration 1999;7:255 |
| | C26 | Greer SE, Longaker MT, Margiotta M, Mathews AJ, Kasabian A. The Use of Subatmospheric Pressure Dressing for the Coverage of Radial Forearm Free Flap Donor-Site Exposed Tendon Complications. Ann Plast Surg 1999;43:551-554 |
| | C27 | Greer SE, Duthie E, Cartolano B, Koehler KM, Maydick-Youngberg D, Longaker MT. Techniques for Applying Subatmospheric Pressure Dressing to Wounds in Difficult Regions of Anatomy. JWOCN 1999;26:250-3 |
| | C28 | Greer SE, Kasabian A, Thorne C, Borund L, Sims CD, Hsu M. The Use of Subatmospheric Pressure Dressing to Salvage a Gustilo Grade IIIB Open Tibia Fracture with Concomitant Osteomyelitis and Avert a Free Flap. Ann Plast Surg 1998;41:687 |

EXAMINER

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U.S. PATENT DOCUMENTS

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| | | |
|--|-----|--|
| | C29 | Genecov DG, Schneider AM, Morykwas MJ, et al. A Controlled subatmospheric pressure dressing increases the rate of skin graft donor site reepithelialization. Ann Plast Surg 1998;40:219-25 |
| | C30 | Mendez-Eastman S. Negative pressure wound therapy. Plastic Surgical Nursing 1998;18:27-9 |
| | C31 | Banwell P, Withey S, Holten I. The use of negative pressure to promote healing [letter; comment]. Brit J Plast Surg 1998;51:79 |
| | C32 | Blackburn J H Boemi L, Hall WW, et al. Negative-pressure dressings as a bolster for skin grafts. Ann Plast Surg 1998;40:453-7 |

EXAMINER

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| | | |
|--|-----|--|
| | C33 | Smith LA, Barker DE, Chase CW, et al. Vacuum Pack Technique of Temporay Abdominal Closure: A Four-Year Experience. Amer Surg 1997;63:1102-8 |
| | C34 | McCulloch JM, Kemper CC. Vacuum-Compression Therapy for the Treatment of an Ischemic Ulcer. Physical Therapy 1998;73:165-9 |
| | C35 | Mullner T, Mrkonjic L, Kwasny O, Vecsei V. The use of negative pressure to promote the healing of tissue defects: a clinical trial using the vacuum sealing techniques [see comments]. Brit J Plast Surg 1997;50:194-9 |
| | C36 | Mirazimov, B.M.: Free Skin Grafting of Wounds and Ulcers using the "Vacuum Treatment" Method. [Citation data not given. pp. 54-58. |

EXAMINER

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